

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2011 Levee Inspection Results

Reclamation District No. 1660 Tisdale

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 1660 Tisdale

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	3.00
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/5/2011 - 4/5/2011			
DWR Inspector	Bob Duffey			
Accompanied By	Ron Long			

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1660 Tisdale

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River						Left	3.00	04/05/2011 04/05/2011	Bob Duffey

LMIR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.08	0.10	Earthen Levee	Animal Control	LS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.	39.062208 ° -121.837889 °	39.061823 ° -121.837927 °	8 Y
2	0.26	0.26	Earthen Levee	Seepage / Sandboils	LS	U		39.059633 ° -121.838240 °	39.059633 ° -121.838240 °	6 Y
3	1.11	1.11	Earthen Levee	Seepage / Sandboils	LS	U		39.047633 ° -121.839023 °	39.047633 ° -121.839023 °	7 Y
4	1.12	1.43	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.047610 ° -121.838802 °	39.043622 ° -121.836445 °	9 Y
5	2.04	2.38	Earthen Levee	Encroachments	LS	PO	Agricultural Ditch	39.037640 ° -121.828421 °	39.034416 ° -121.825698 °	1 Y
6	2.42	2.42	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	39.034107 ° -121.825152 °	39.034107 ° -121.825152 °	2
7	2.44	2.44	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	39.033858 ° -121.824985 °	39.033858 ° -121.824985 °	4
8	2.63	2.63	Earthen Levee	Encroachments	LS	M	Equipment	39.031405 ° -121.823403 °	39.031405 ° -121.823403 °	3 Y
9	2.68	2.71	Earthen Levee	Slope Stability	LS	M	Repair slope instability.	39.030891 ° -121.822956 °	39.030436 ° -121.822617 °	5

*** Location**

LS : Landside
WS : Waterside
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected/Rated
C : Corrected
W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1660 Tisdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.00	04/05/2011 04/05/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.08
End Levee Mile	0.10
Location	Land Side
Category	Earthen Levee
Item	Animal Control

View of squirrel holes along the slope.

rduffey_s_20110228_182.jpg



Levee Mile Report Line	2
Start Levee Mile	0.26
End Levee Mile	0.26
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the toe.

rduffey_s_20110427_289.jpg



Levee Mile Report Line	3
Start Levee Mile	1.11
End Levee Mile	1.11
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the toe.

rduffey_s_20110427_290.jpg



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Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1660 Tisdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.00	04/05/2011 04/05/2011	Bob Duffey

Levee Mile Report Line	4
Start Levee Mile	1.12
End Levee Mile	1.43
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the AG ditch along the L/S toe.

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Levee Mile Report Line	5
Start Levee Mile	2.04
End Levee Mile	2.38
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of the large ditch along the landside toe.

rduffey_s_20110228_180.jpg



Levee Mile Report Line	8
Start Levee Mile	2.63
End Levee Mile	2.63
Location	Land Side
Category	Earthen Levee
Item	Encroachments

View of equipment along the slope.

rduffey_s_20110228_181.jpg



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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2011 Levee Inspection Results

Reclamation District No. 1660 Tisdale

Waterway			Bank	Unit Miles
Unit No. 02 Sutter Bypass			Right	9.14
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/5/2011 - 4/5/2011			
DWR Inspector	Bob Duffey			
Accompanied By	Ron Long			

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Signature of LMA Representative

Date

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Levee Inspections**

Levee Inspection Report By Mile - Spring 2011

Reclamation District No. 1660 Tisdale

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass						Right	9.14	04/05/2011 04/05/2011	Bob Duffey

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.06	0.44	Earthen Levee	Trim / Thin Trees	WS	A	Thin trees to allow visibility of the ground and room to flood fight.	39.033822 ° -121.743805 °	39.039061 ° -121.745971 °	2 Y
2	8.47	8.47	Earthen Levee	Seepage / Sandboils	LS	U		39.131627 ° -121.824573 °	39.131627 ° -121.824573 °	1 Y

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Reclamation District No. 1660 Tisdale

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sutter Bypass	Right	9.14	04/05/2011 04/05/2011	Bob Duffey

Levee Mile Report Line	1
Start Levee Mile	0.06
End Levee Mile	0.44
Location	Water Side
Category	Earthen Levee
Item	Trim / Thin Trees

View of the sprayed trees along the waterside slope of the levee.

rduffey_s_20110228_183.jpg



Levee Mile Report Line	2
Start Levee Mile	8.47
End Levee Mile	8.47
Location	Land Side
Category	Earthen Levee
Item	Seepage / Sandboils

View of the seepage along the L/S toe.

rduffey_s_20110427_292.jpg



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